IN THE CLAIMS

Please amend the claims as follows:

1. (Cancelled).

2. (Currently Amended) ~~The method of claim 1~~A method of adjusting an n x n color signal matrix used to multiply a column vector input color value, where n is a number of primary colors in a chosen color space, the method comprising:

adjusting a single first color signal matrix related value to obtain a color signal matrix adjustment; and

automatically adapting at least two color signal matrix parameters other than said single first color signal matrix related value in dependence upon said color signal matrix parameter adjustment, wherein:

said single first color signal matrix related value is a first color signal matrix parameter corresponding to a first color;

said color signal matrix adjustment is an increase of said first color signal matrix parameter by an amount δ to change a reproduction of said first color; and

said automatically adapting step includes multiplying all color matrix parameters corresponding to colors other than said first color by a factor $(\Sigma X + \delta) / \Sigma X$, in which ΣX is a sum of color signal matrix parameters corresponding to said first color, to substantially maintain a white reproduction.

3-4. (Cancelled).

5-6. (Cancelled).

7. (Currently Amended) ~~The camera of claim 6~~A color camera, comprising a color sensor for producing input color signals and a color signal matrix adjustment device for adjusting an n x n color signal matrix used to multiply a column vector input color value where n is a number of primary colors in a chosen color space, used for adjusting said input color signals to obtain output color signals, wherein the color signal matrix adjustment device includes:

means for adjusting a single first color signal matrix related value to obtain a color signal matrix adjustment; and

means for automatically adjusting at least two color signal matrix parameters other than said single first color signal matrix related value in dependence upon said color signal matrix parameter adjustment, wherein:

said single first color signal matrix related value is a first color signal matrix parameter corresponding to a first color;

said color signal matrix adjustment is an increase of said first color signal matrix parameter by an amount δ to change a reproduction of said first color; and

said automatically adapting step includes multiplying all color matrix parameters corresponding to colors other than said first color by a factor $(\Sigma X + \delta) / \Sigma X$, in which ΣX is a sum of

color signal matrix parameters corresponding to said first color, to substantially maintain a white reproduction.

8-9. (Cancelled).

10. (Currently Amended) ~~The color signal matrix adjustment device of claim 5~~A color signal matrix adjustment device for adjusting an n x n color signal matrix used to multiply a column vector input color value where n is a number of primary colors in a chosen color space, comprising:

means for adjusting a single first color signal matrix related value to obtain a color signal matrix adjustment; and

means for automatically adapting at least two color signal matrix parameters other than said single first color signal matrix related value in dependence upon said color signal matrix parameter adjustment, wherein:

said single first color signal matrix related value is a first color signal matrix parameter corresponding to a first color;

said color signal matrix adjustment is an increase of said first color signal matrix parameter by an amount to change a reproduction of said first color; and

said automatically adapting step includes multiplying all color signal matrix parameters corresponding to colors other than said first color by a factor $(\Sigma X + \delta) / \Sigma X$, in which ΣX is a sum of

color signal matrix parameters corresponding to said first color, to substantially maintain a white reproduction.

11-12. (Cancelled).